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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61D19/02 C12N A61B17/43 B01L3/00 C12N5/06 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) A61D C12N A61B B01L IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category 9 12,13WO 01/88087 A (TRUSTEES OF THE UNIVERSITY OF) 22 November 2001 (2001-11-22) page 26, line 18 - page 27, line 27; 1-9,11figures 2,6B CHO, SCHUSTER, ZHU, CHANG, SMITH, 1-9,11Y TAKAYAMA: "Paaively driven integrated microfluidic system for separation of motile sperm" ANALYTICAL CHEMISTRY, vol. 75, no. 7, 1 April 2003 (2003-04-01), pages 1671-1675, XP002301165 the whole document 1 - 12US 5 296 375 A (WILDING PETER ET AL) Α 22 March 1994 (1994-03-22) figure 1 Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the *A* document defining the general state of the art which is not considered to be of particular relevance Invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 03/11/2004 18 October 2004 **Authorized officer** Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Herberhold, C Fax: (+31-70) 340-3016

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